

Title (en)

Voice password-controlled computer security system.

Title (de)

Durch ein vokales Kennwort gesteuertes Rechnersicherheitssystem.

Title (fr)

Système de sécurité pour ordinateur commandé par mot de passe vocal.

Publication

EP 0444351 A2 19910904 (EN)

Application

EP 90313662 A 19901214

Priority

US 48658390 A 19900228

Abstract (en)

A voice password-controlled security system is disclosed. After the normal password procedure is successfully completed, the computer (12) institutes a voice call to a telephone (13) associated with the user. The computer queries the user to repeat a randomly selected series of digits or a phrase consisting of a group of words. The computer then compares the voice information received over the voice line with pre-stored voice information associated with the purported user. The computer affords access to its resources if and only if a voice match occurs. Due to the high reliability of the voice recognition system, intruders, even those with password information and who mimic the user's voice, will usually be precluded access to the computer. Significantly, the system is effective yet places no additional burdens on the user, such as memorizing additional codes or carrying encryption devices. <IMAGE>

IPC 1-7

G06F 1/00; **G06F 3/16**; **G07C 9/00**

IPC 8 full level

G06F 3/16 (2006.01); **G06F 11/00** (2006.01); **G06F 21/00** (2006.01); **G06F 21/20** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

G06F 3/16 (2013.01); **G06F 21/313** (2013.01); **G06F 21/32** (2013.01); **G07C 9/37** (2020.01)

Cited by

US5995625A; EP1172771A1; EP1158492A1; EP1172770A1; EP1238336A4; EP0589184A3; EP0890167A4; EP1221098A4; EP0817170A3; EP0848362A3; EP2460307A4; EP1320083A1; EP0621532A1; US5430827A; US7636855B2; NL1012478C2; EP1028568A1; FR2789536A1; EP2020645A3; GB2316790A; GB2316790B; US6104995A; FR2919776A1; GB2285200A; GB2285200B; ES2103666A1; US7536556B2; US6934849B2; US7454794B1; EP2020645A2; WO9843152A1; WO0207107A3; WO2014011131A3; WO02103643A3; WO0102933A1; WO9520802A1; WO2011014878A1; US10284548B2; US10565365B1; US11080390B2; US9462134B2; US6981145B1; US10567385B2; US7461258B2; US7383572B2; US8225103B2; US8499166B2; US7574733B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0444351 A2 19910904; **EP 0444351 A3 19920527**; CA 2033566 A1 19910829; JP H04218860 A 19920810

DOCDB simple family (application)

EP 90313662 A 19901214; CA 2033566 A 19910103; JP 5318091 A 19910226